

# Arboviral Surveillance Report

## August 31, 2015

### Surveillance

The City's arboviral surveillance continued last week and all collected mosquitoes were tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts have been consistently lower than last summer's collections. This week 12 trap locations within the City of Chicago collected WNV positive mosquitoes.

### Mosquitoes (data from 82 traps)

<b>Week 34 (08/23/15 – 08/29/15)</b>	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	1,329
Number of Pools Tested	117
Number of Pools Positive	20
Number of Community Areas with Positive Mosquitoes Pools	12
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	1,937
Number of Female <i>Culex</i> Trapped and Tested	14,769
Number of Pools Tested	1,373
Number of Pools Positive	87
Number of Community Areas with Positive Mosquitoes Pools	46

**Community Areas with Positive Mosquito Pools (Cumulative):** Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, Edison Park, O'Hare, Forest Glen, Gage Park, Gr. Grand Crossing, Hegewisch, Irving Park, Lincoln Square, New City, North Park, Norwood Park, Portage Park, Riverdale, South Lawndale, South Deering, Washington Heights, West Town, West Lawn, Wood Lawn West Pullman.

**Dead birds:** To date, four dead birds have been collected; two negative, the other two not testable.

**Humans:** No human cases reported.

### Risk Assessment

The risk of human West Nile virus infection is moderate.

### Larval and Adult Mosquito Control Efforts

The City has been conducting truck ULV adulticiding in higher risk areas to decrease the number of infected mosquitoes. As we enter the month of September, we will continue to monitor and adulticide as needed until the cooler weather takes hold.